Commonwealth of Massachusetts Department of Telecommunications and Energy Fitchburg Gas and Electric Light Company Docket Nos. D.T.E. 02-24/25

Responses to the Department's Sixth Set of Information Requests

Request No. DTE 6-29 (Gas):

Refer to work papers supporting Sch. JLH-6 (Gas) Exh. 12. Please explain the derivation of the historical plant investment data.

Response:

The historical plant data shown on workpapers supporting Schedule JLH-6 (Gas) Exhibit 12 (reference page 10 of the workpapers), came from DOT reports. In the DOT report, the total miles of main are shown at end of year. The total amount of new mains installed is therefore the difference in the total company miles of main between the current year and the prior year. Also, the amount of mains replaced is shown for each year in the DOT report. Attachment DTE-6-29 provides the DOT reports for 1997 through 2001. A conversion factor of 5,286 ft/mile was used in error in calculating the amounts shown on page 10 of the workpapers, however, since the mileage shown on the DOT report is rounded to the nearest mile the error has no significance.

The unit cost of mains is calculated using the company estimating model which is updated every year with information regarding costs (e.g. stock costs, material costs, labor costs, etc.). For each year from 1989 through 2001, a sample project was used for that year and the project was run through the estimating model for that year resulting in the estimated unit cost per foot of main installed.

Person Responsible: James L. Harrison

	CE: This report is required by 49 CER Part 191. Failure to report can result in a civil penalty not to exceed \$1,000 for each violation rechided that such violation persists except that the maximum civil penalty shall not exceed \$200,000 as provided in 49 USC 1678.
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PART G - PREPARER AND AUTHORIZED SIGNATURE

Charles E. Christensen 978 / 353-3210

Prepared by (type/print) telephone

Charles E. Christensen

Manager, Engineering
Name and Title of Person Signing

978 / 353-3210

Authorized Signature

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Form RSPA F 7100 1-1 (11-98) Supersedes DOT F 7100 1-1

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Form Approvecy

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Attachment DTE-6-29 Page 6 of 10

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U.S. Department of Tran	nsportation	ANI	R CALENDAR YEAR 18/2001 INITIAL REPO BUTION SYSTEM SUPPLEMEN						· · · · · · · · · · · · · · · · · · ·		
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PLASTIC	***************************************		nanturusuusea see osa eebooooleeudeenäi (Hiineil					······································			······································
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OTHER			***************************************			_		······································	· · · · · · · · · · · · · · · · · · ·		•
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SYSTEM TOTALS			71		58	79	New York				1 - Large Company
3. NUMBER OF SE	RVICES IN SYST	TEM AT END O		-		AVERAGE SEF		- F -	FEE		
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STEEL		······································	3093		85	41	-		Mmoomeen ir centicalitis.		***************************************
DUCTILE IRON	*	· · · · · · · · · · · · · · · · · · ·	ith atherbeith our manning	 		7	938.1 <i>4</i> 0	······			······································
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CAST/WROUGHT IFON	·			2	5	<u> </u>		an Sugara	tyn) i f		
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SYSTEM TOTALS			4064	73	21	66			······································		

PART C - TOTAL LEAKS			PART D - TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED FOR REPAIR		
CAUSE	ELIMINATED/REPAIRED DURING YEAR Mains Services		0		
CORROSION			the state of the s	3	
THIRD PARTY 58 (SEE	Service Paragraphics				
OUTSUE FORCE					
CONSTRUCTION DEFECT			PART E - PERCENT OF UNACCOUNTED FOR GAS		
MATERIAL DEFECT	\$ 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0		Unaccounted for gas as a percent of total		
отнея	491	**************************************	input for year ending 6/30 1.03%		
NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR 86					
PART F - ADDITIONAL IN	NFORMATION	to the state of th			

PART G - PREPARER AND AUTHORIZED SIGNATURE

ROBERT E. BISSON	1 978-353-32	<u>'</u> 22	
Prepared by (type/print)	telephone		

Name and Title of Person Signing telephone **Authorized Signature**

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Research and ------**Special Programs** Administration

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